**Parameterisation and network visualisation software edition "Expert 50**

**in full version as expert software for parameterisation and evaluation as project-related licence.**

- 50 items (devices, users, data imports).

- Incl. 12-month update period

- Unlimited telephone support

- Desktop & service installation (unlimited installation)

System functions:

- Device configuration

- Virtual device logic and cost centres

- Database management drivers for MSSQL and MySQL, database actions: Create backup, summarise data, swap meters, etc.

- Automation Time synchronisation, automated execution of data exports, database actions, measurement memory readout, e-mailing

- User administration User and rights assignment

- Active Directory API for Windows directory service

- Device monitoring Monitoring of software device communication

- Alarm management Monitoring of energy consumption and measurement data, communication, etc., escalation level management, web and e-mail alarming

- Online recorder Recording of measurement data (e.g. for third-party devices and measuring devices without memory, OPC UA client)

Visualisation applications:

- Device overview with list search and filter function

- Event Transient Browser Time history and evaluation of network events

- Dashboards & templates editor for creating visualisations

- Basic widget package (line, pie and bar chart, live values)

- Expert Widgets (Heatmap, Key Figures, Sankey, Weather)

- Sankey diagram Quantity flow diagram for live and historical values

- Create and evaluate key performance indicators (KPI)

Reports & Documentation

- Basic data exports (commissioning, EN50160, voltage quality analysis, CSV export, energy report)

- RCM data exports (RCM report)

- PQ data exports (high availability report, LET report, EN50160 annual evaluation)

- EnMS data exports (utilisation report, energy invoice)

Connectivity

- Data import CSV

- MSCONS data import

- Modbus third-party devices (TCP & RS485)

- OPC UA client (integration of OPC UA server for access to further measurement and energy data, production data and economic figures)

- REST API interface for developers and application engineers to access live and historical values

- Data export Comtrade format for events and transients

- MSCONS data export for energy data

Licence keys can be activated and credited to a licence via the manufacturer's online licence server.

Manufacturer: Janitza electronics GmbH

Type: GridVis Expert 50

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